What is claimed is:

1. A cushioning package containing an article to be packaged comprising a cushioning sheet (1) constituted of overlapped flexible resin sheets, small cells (11) formed by heat-sealing and dividing the cushioning sheet (1), an article storage space (1c) formed by folding the cushioning sheet (1), an article storage opening (1d), and an article (C) to be packages,

wherein the small cells (11) inflates with air filled therein, and

the article storage space (1c) is a space enveloped by the small cells (11) and receiving the article (C), and

the article storage opening (1d) serves as an entrance portion of the article storage space (1c) and is closed by adhesion after the article (C) is disposed in the article storage space (1c) through the opening (1d),

wherein filling of air in the small cells (11) is performed during the disposing of the article (C) in the article storage space (1c) and the closing of the article storage opening (1d)

2. The cushioning package containing an article to be packaged as in claim 1, wherein the article storage space (1c) is adhered to be in a hermetic state where an internal pressure of the space is adjusted, wherein the adjustment of the internal pressure is performed by sucking out the air in the article storage space (1c) or by filling gas like air or an inert gas in the article storage space (1c).

3. A method of manufacturing a cushioning package containing an article to be packaged, wherein a cushioning sheet (1) made of flexible resin sheets that are placed one on another, further heat-sealed and divided into small cells (11), is used, the method comprising:

a first process to form an article storage space (1c) by folding the cushioning sheet (1), thus the space being enveloped by the small cells (11);

a second process to dispose an article (C) to be packaged in the article storage space (1c) through an article storage opening (1d) that serves as an entry portion of the article storage space (1c); and

a third process to close the article storage opening (1d) by adhesion while filling air to inflate the small cells (11);

wherein the above steps being performed in the recited order.

4. The method of manufacturing a cushioning package containing an article to be packaged as in claim 3, wherein said cushioning sheet (1) is an elongated sheet moving in a longitudinal direction through each of said processes, further said first process comprising a step to fold the cushioning sheet (1) in the longitudinal direction and another step to adhere edges of the overlapped cushioning sheet (1) except for a portion that becomes an article storage opening 1d.

5. An apparatus for manufacturing a cushioning package containing an article to be packaged comprising:

an article storage space forming unit (3) that forms an article storage space (1c) by overlapping a cushioning sheet (1) including small cells 11 that inflates with air filled therein;

a sheet adhering unit (4) that adheres the overlapped cushioning sheets (1);

an article disposing unit (5) that disposes an article (C) to be packaged in the article storage space (1c); and

an air-filling unit (6) that fills the small cells (11) with air.

6. The apparatus for manufacturing a cushioning package containing an article to be packaged as in claim 5, wherein

said sheet adhering unit (4) includes a longitudinal-direction seal section (41) for adhering the cushioning sheet (1) in a longitudinal direction, and a width-direction seal section (42) for adhering it in a width direction, and

the longitudinal-direction seal section (41) forms an air passage (15) that communicates with the small cells (11) in the cushioning sheet (1), and

said air-filling unit (6) includes an air nozzle (61) of which an air discharge portion (61a) situated at the tip is disposed inside the air passage (15), and a reverse-flow prevention member (62) for directing air inside the air passage (15) to the small cells (11) by pressing the air passage (15), and

both the width-direction seal section (42) and the reverse-flow prevention member (62) are disposed for a moving body (M), which moves depending on the size of the article (C) along the longitudinal direction of the cushioning sheet (1),

wherein, after the small cells (11) are filled with air discharged from the air nozzle (61), the moving body (M) moves downstream together with the cushioning sheet (1) that is subsequently adhered by the width-direction seal section (42) to complete the cushioning package containing the article.

7. An apparatus for manufacturing a cushioning package containing an article to be packaged, as in claim 6,

wherein the reverse-flow prevention member (62) is provided at its tip (62b) with a recess (62a) that conforms in shape to the cross-sectional shape of the air nozzle (61a), and

the tip (62b) presses the air passage (15) while the recess (62a) accepts the air nozzle (61) disposed inside the air passage (15), whereby the air passage (15) is closed except for the portion where the air nozzle (61) is disposed.

8. The apparatus for manufacturing a cushioning package containing an article to be packaged, as in claim 6 or 7, wherein

the air-filling unit (6) includes an adjusting nozzle (63), the tip of which is disposed in the article storage space (1c), and

the adjusting nozzle (63) includes a means for adjusting the internal pressure of the article storage space (1c), and

said means is capable of sucking out the air in the article storage space (1c) or of filling gas air or gas like an inert gas in the article storage space (1c).